
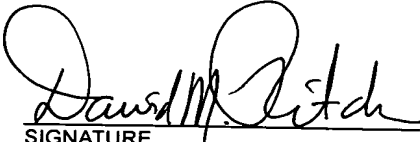


<p>FORM PTO-1390 (REV. 12-2004)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;"><b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b></p>		<p>ATTORNEY'S DOCKET NUMBER <b>469.1119</b></p> <p>U.S. APPLICATION NO. (If known, see 37 CFR 1.5 Unassigned) <b>10/532345</b></p>
<p>INTERNATIONAL APPLICATION NO. PCT/GB 03/04987</p>	<p>INTERNATIONAL FILING DATE November 18, 2003</p>	<p>PRIORITY DATE CLAIMED November 19, 2002</p>
<p>TITLE OF INVENTION SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS SPECTROSCOPY</p>		
<p>APPLICANT(S) FOR DO/EO/US Neil KILLORAN et al.</p>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: PCT Publication WO 2004/046743 A1, PCT/RO101, PCT/IB/308, PCT/ISA/220, Search Report (Form PCT/ISA/210)</li> </ol>		

U.S. APPLICATION NO. (known) <b>107532345</b> Unassigned		INTERNATIONAL APPLICATION NO. <b>PCT/GB 03/04987</b>		ATTORNEY'S DOCKET NUMBER <b>469.1119</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted:				APPLICANT USE	OFFICE USE ONLY
<input checked="" type="checkbox"/> a) Basic National Fee ..... \$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination Fee..... \$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search Fee ..... \$500.00				\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				<b>\$1000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
* - 100 =	*/50=		X 250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	31 - 20 =	11	x \$50.00	\$550.00	
Independent	2 - 3 =	0	X \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2,040.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				<b>\$2,040.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,040.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,040.00</b>	
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of <b>\$2,040.00</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3935</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: USPTO CUSTOMER NO.					
 <b>21171</b> PATENT TRADEMARK OFFICE					
Staas & Halsey LLP 1201 New York Avenue, N.W., Suite 700 Washington, DC 20005			<div style="text-align: center;">             SIGNATURE            David M. Pitcher            NAME            25.908            REGISTRATION NUMBER         </div>		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JC15 Rec'd PCT/PTO 22 APR 2005

In re the Application under 35 USC § 371 of:

Neil KILLORAN et al.

International Serial No.: PCT/GB 03/04987  
International Filing Date: 18 November 2003

Group Art Unit: Unassigned

U.S. Filing Date:

Examiner: Unassigned

For: SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS  
SPECTROSCOPY

**LETTER**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Attn: United States Designated/Elected Office (DO/EO/US)**

Sir:

Applicants submit herewith for filing an application under 35 U.S.C. §371, including the Transmittal Letter to the United States Designating/Elected Office (DO/EO/US) (Form PTO-1390), application, including specification, drawings and claims, and Preliminary Amendment for national stage examination, Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308), Request for International Patent Application as filed (Form PCT/RO/101), International Application Publication WO 2004/046743 A1, and an International Search Report (Forms PCT/ISA/210, 220).

Applicants\inventors for the U.S. national stage are:

Neil KILLORAN  
Address:  
23 The Warren  
Abingdon  
Oxon OX14 3XD  
United Kingdom

Residence: United Kingdom  
Citizenship: United Kingdom

Francis John TRUNDLE  
Address:  
11 The Vale  
Ovingdean  
East Sussex BN2 7AB  
United Kingdom

Residence: United Kingdom  
Citizenship: United Kingdom

Francis John BROWN  
14 Westfield Road  
Benson  
Oxfordshire OX10 6NJ  
United Kingdom

Residence: United Kingdom  
Citizenship: United Kingdom

Respectfully submitted,

STAAS & HALSEY LLP

Date: April 22, 2005

By: David M. Pitcher  
David M. Pitcher  
Registration No. 25,908

1201 New York Ave, N.W., Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501